

Converting Colors

XYZ(25.9892, 23.6450, 20.3342)

Have a look what the booklet for
XYZ(25.9892, 23.6450, 20.3342)
contains.

XYZ(25.9947, 23.7226, 20.3484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.9947, 23.7226,
20.3484)**

Conversions

Conversions Part 1

Format	Color
Hex	A57C76
RGB	165, 124, 118
RGB Percent	65%, 49%, 46%
CMY	0.3529, 0.5137, 0.5373
CMYK	0.00, 0.25, 0.28, 0.35
HSL	8°, 21%, 55%
HSV	8°, 28%, 65%
XYZ	25.9947, 23.7226, 20.3484
YIQ	135.5750, 26.3620, 6.8260

Conversions

Conversions Part 2

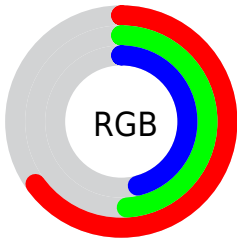
Format	Color
RYB	165, 125, 118
Decimal	10845302
CIELab	55.81, 15.03, 9.46
CIElCh	56, 17.762, 32.192
Yxy	23.7226, 0.3710, 0.3386
Android (android.graphics.Color)	4289035382 (0xFFA57C76)
YUV	135.5750, -8.6645, 25.8057
Hunter-Lab	48.7059, 10.0316, 9.3238

Details

The XYZ color **25.9947, 23.7226, 20.3484** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.6606, 31.3635, 40.2460**, and the grayscale version is **23.2679, 24.4796, 26.6583**.

A 20% lighter version of the original color is **52.7966, 49.7187, 44.8442**, and **10.3037, 8.9191, 6.9728** is the 20% darker color. If you saturate the color by 10%, you get **23.4248, 20.0170, 15.0701**, and if you desaturate by 10%, it is **29.0007, 28.0256, 26.6189**.

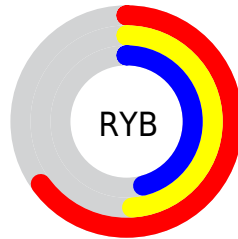
Distribution



Red (65%)

Green (49%)

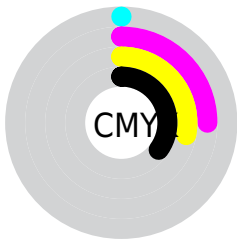
Blue (46%)



Red (65%)

Yellow (49%)

Blue (46%)

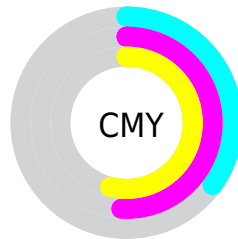


Cyan (0%)

Magenta (25%)

Yellow (28%)

Black (35%)



Cyan (35%)

Magenta (51%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9947, 23.7226, 20.3484 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 25.9947, 23.7226, 20.3484 by changing the saturation by 10% instead.

■ 25.9947, 23.7226,
20.3484

■ 25.9947, 23.7226,
20.3484

275.0132,
271.4150, 266.4614

■ 16.9523, 15.1280,
12.4620

■ 52.6978, 49.5771,
44.8672

■ 10.2956, 8.9092,
6.9328

■ 71.0892, 67.6058,
62.3366

■ 5.6592, 4.6820,
3.3423

■ 93.3276, 89.5480,
83.8374

■ 2.6776, 2.0619,
1.2720

119.7785,
115.7881, 109.7881

■ 0.9857, 0.6431,
0.0386

150.8071,
146.7104, 140.6074

■ 0.0000, 0.0000,
0.0000

186.7789,

182.6994, 176.7136

228.0592,
224.1395, 218.5254

■ 25.9947, 23.7226,
20.3484

■ 25.9947, 23.7226,
20.3484

■ 23.4248, 20.0170,
15.0701

■ 29.0007, 28.0256,
26.6189

■ 21.2688, 16.8792,
10.7315

■ 32.4598, 32.9472,
33.9272

■ 19.5054, 14.2820,
7.2780

■ 36.3906, 38.5120,
42.3181

■ 18.1106, 12.1946,
4.6482

■ 40.8098, 44.7418,
51.8331

■ 17.0578, 10.5834,
2.7731

■ 45.7335, 51.6578,
62.5117

■ 16.3166, 9.4103,
1.5725

■ 51.1770, 59.2799,
74.3913

■ 15.8423, 8.6279,
0.9022

■ 57.1549, 67.6275,
87.5077

■ 15.7866, 8.5384,
0.8160

■ 63.6814, 76.7191,
101.8954

■ 68.8621, 85.8094,
107.5412

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



26.6532, 23.7226, 25.4070



25.9947, 23.7226, 20.3484



24.4074, 23.7226, 17.1918

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



25.9947, 23.7226, 20.3484



19.2855, 23.7226, 20.9831



22.6964, 23.7226, 38.6073

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



25.9947, 23.7226, 20.3484



26.6606, 31.3635, 40.2460

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



20.7848, 23.7226, 36.9635



25.9947, 23.7226, 20.3484



18.8869, 23.7226, 26.2574

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



25.9947, 23.7226, 20.3484



20.5422, 23.7226, 17.5179



19.4196, 23.7226, 32.2167



24.6795, 23.7226, 36.4262

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



25.9947, 23.7226, 20.3484



23.0791, 23.7226, 16.3073



19.4196, 23.7226, 32.2167



22.0244, 23.7226, 38.4833

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



25.9953, 23.7237, 20.3489



57.6851, 58.3701, 59.8098



28.2986, 23.4777, 36.0767



12.4140, 12.4809, 12.6574



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



25.9953, 23.7237, 20.3489



43.6396, 38.2889, 30.4351



29.2184, 30.1698, 21.4232



7.1433, 7.2251, 7.3982



11.9644, 6.5027, 0.6246



0.2714, 0.1767, 0.0198

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



26.6606, 31.3635, 40.2460



45.0179, 54.1745, 71.8364



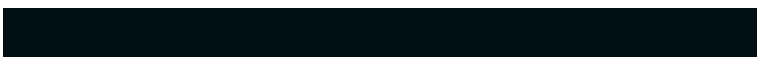
23.0695, 24.1815, 39.0490



7.1986, 7.8562, 9.0401



12.6995, 17.1784, 29.5762



0.2869, 0.4012, 0.6282

Previews

White Background



This preview shows how the XYZ color 25.9947, 23.7226, 20.3484 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 25.9947, 23.7226, 20.3484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9947, 23.7226, 20.3484

Background



This preview shows how black text looks on a background with the XYZ color 25.9947, 23.7226, 20.3484.



This preview shows how white text looks on a background with the XYZ color 25.9947, 23.7226,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

25.9947, 23.7226, 20.3484

Protanopia

22.7477, 23.9692, 22.1665

Deuteranopia

24.1980, 23.7572, 20.1398



Tritanopia

26.7822, 23.6648, 24.6289

Trichromacy



Original Color

25.9947, 23.7226, 20.3484

Protanomaly

23.6466, 23.6416, 21.4061

Deuteranomaly

24.7049, 23.6312, 20.0888

Tritanomaly

26.5747, 23.7793, 22.9279

Monochromacy



Original Color

25.9947, 23.7226, 20.3484

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

24.2463, 24.2906, 24.1795

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9947, 23.7226, 20.3484 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(165, 124, 118)` looks like.

```
.text, #text, p{  
    color:rgb(165, 124, 118)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(165, 124, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 124, 118) }
```

Border

The CSS property to change the border of an element to XYZ 25.9947, 23.7226, 20.3484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 124, 118) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(165, 124, 118) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(165, 124, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 124, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 124, 118);  
box-shadow:4px 4px 4px 4px rgb(165, 124,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9947, 23.7226, 20.3484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 124, 118) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(165,  
124, 118) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor